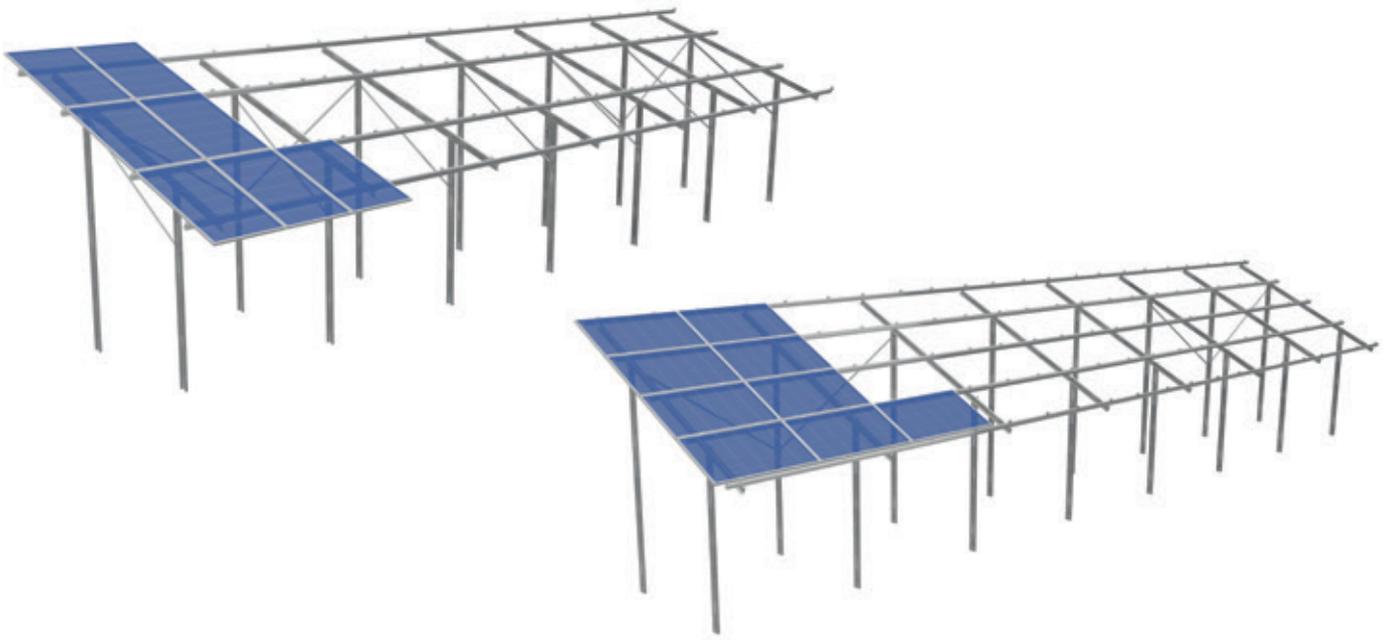




GROUND MOUNT STRUCTURES

for framed and frameless modules



Flexible application

The S:FLEX ground mount system is available as a single- or dual-base variant and can be used on an extremely wide range of ground types and terrain formations. Sloped terrain up to 6° in an east-west direction is fully usable. Slopes up to a gradient of 50° are acceptable with suitable constructive measures.

Optimal loading properties

Owing to its single-base construction with support and dual-base configuration with optional struts and individually configurable base spacing, the frames can be precisely adapted to prevailing wind and snow loads.

Variable foundation

For the grounding, the posts can either be rammed in or alternatively the C-profiles with base plate are bolted onto concrete foundations.

Fast installation

Pre-assembled components and a light, material-efficient construction ensure fast and simple installation.

Comprehensive module compatibility

Virtually all frameless as well as framed module types in popular sizes can be installed either vertically or horizontally. Up to three rows of modules are possible with vertical installation and up to six rows with horizontal installation.

Long service life

All components of the S:FLEX ground mount system are produced entirely from aluminium, stainless steel and galvanised steel. The high corrosion resistance guarantees a maximum lifespan and provides the possibility of complete recycling.

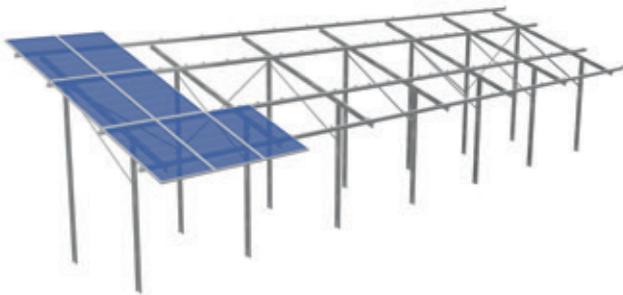
GROUND MOUNT STRUCTURES

for framed and frameless modules

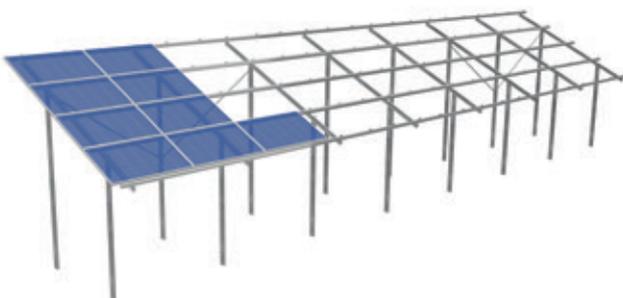
Technical Data



Ground mount system, single-base with support, two rows of modules, vertical installation



Ground mount system, dual-base, three rows of modules, vertical installation



Ground mount system, dual-base, four rows of modules, horizontal installation

Application	Ground mount
Wind/snow load	Up to 2.4 kN/m ² – It is necessary to customise the tables to the anticipated loads in terms of the spacing and number of supports (single-base or dual-base variant)
Module type	Framed and frameless modules
Module orientation	Vertical/ horizontal
Module size (LxW)	1500–1680 mm x 808–1010 mm
Pitch	0° – 60° in north-south direction Pitches beyond 60° are possible on request – tables are structurally optimised for the desired angle and produced sparingly in terms of material consumption
Terrain slope	Max. 6° in east-west direction in standard construction / max. 50° with suitable constructive measures, e.g. landfill slopes
Module field size	Vertical installation: max. 3 modules stacked and 40m length Horizontal installation: max. 6 modules stacked and 40m length
Foundation	Rammed foundation Mounting on concrete foundation